

Memo To: Ms. Salvija Hofheimer, P. E.

Subject: Use of 2010 SPT Boreholes; CPT Locations; and Associated Laboratory Results
in Present Design Work and in Conjunction with ECS October, 2015 Report.

Project No.: 0264-122-108, PE 107
City of Norfolk
Hampton Roads District
UPC# 108042 (57048)

The following lists represent pre-existing (2010) boreholes and CPT locations that are to be used in conjunction with data recently developed (2015) by ECS per the various structures indicated.

Sound Barrier Wall No. 2:

Location:	Type:	Station:	Offset:
D7-2W	SPT	14+07	35' RT
D7-3W	CPT	15+14	55' RT
D7-4W	SPT	16+00	45' RT
D7-5W	SPT	17+10	15' RT
D7-6W	CPT	17+99	44' RT
D7-8W	SPT	19+15	25' RT
D7-9W	SPT	20+00	15' RT
D7-10W	SPT	21+04	19' RT
D7-11W	CPT	21+00	50' RT
D7-12W	SPT	16+62	49' RT
D7-13W	SPT	19+59	47' RT
D7-14W	CPT	22+13	74' RT

Sound Barrier Wall No. 3:

Location:	Type:	Station:	Offset:
I64SB-1	SPT	101+50	70' RT
I64SB-2	CPT	103+50	85' RT
I64SB-3	SPT	105+50	70' RT
I64SB-4	CPT	107+50	70' RT
I64SB-5	SPT	109+50	70' RT
I64SB-6	CPT	111+50	70' RT
I64SB-7	SPT	113+50	70' RT

SWM Basin No. 5:

Location:	Type:	Station:	Offset:
SWM5-1	SPT	100+50	110' RT
SWM5-2	SPT	102+50	130' RT

SWM Basin No. 2:

Location:	Type:	Station:	Offsets:
SWM2-1	SPT	58+50	200' RT

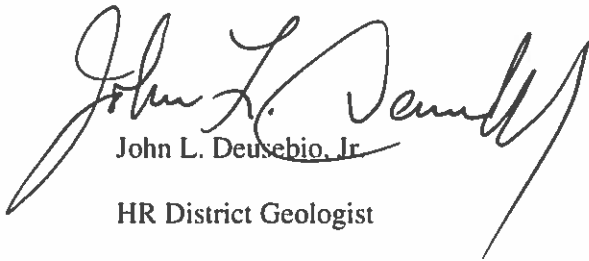
Retaining Wall "O":

Location:	Type:	Station:	Offset:
CD-08	CPT	42+56	44' RT
CD-09	SPT	44+08	23' RT

Retaining Wall "N":

Location:	Type:	Station:	Offsets:
D7-25AW	SPT	43+00	25' RT

Please do not hesitate to contact this office if you have any questions about the use or application of this data.



John L. Deusebio, Jr.
HR District Geologist

cc: Mr. Thomas R. Tate, P. E.